

6150a

U. S. COAST & GEODETIC SURVEY

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A. No.

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton *Director*

State: Georgia

DESCRIPTIVE REPORT

Topographic } Sheet No. 0 61502
Hydrographic }

LOCALITY

St. Catherine's Sound

(near Medwa River Belfast)

34

CHIEF PARTY

C. A. mer

U. S. GOVERNMENT PRINTING OFFICE: 1923

6150a

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

NOV 30 1934

Acc. No. _____

REG. NO. 61502

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 0

REGISTER NO. 61502

State GEORGIA

General locality St. Catherine's Sound

Locality Medway River

Scale 1/10,000 Date of survey MAY--JUNE 19 34

Vessel FIELD PARTY #23

Chief of party C. A. EGNER

Surveyed by GEORGE FORTUNE

Inked by GEORGE FORTUNE

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated DECEMBER 5 19 33

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC
CONTROL ONLY.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET

FIELD: 0

PARTY: NO. 23

PROJECT: F. P. 4

YEAR: 1934

STATE: GEORGIA

GENEAL LOCALITY: NEAR SAVANNAH

LOCALITY: MEDWAY RIVER

ADJOINS SHEET: R

SCALE: 1/10,000

SHEET ON REVERSE SIDE: R

DATUM: NORTH AMERICAN 1927

CHIEF OF PARTY: C. A. EGNER

TOPOGRAPHER: G. R. DIETZ

DATE OF INSTRUCTIONS: DECEMBER 5, 1933

INKED BY: C. A. EGNER

REPORT TO ACCOMPANY TOPOGRAPHIC

SHEET 0

INSTRUCTIONS:

Dated December 5, 1933. Part of combined operations undertaken by Field Party #23.

SCALE:

1/10,000.

LOCALITY:

This sheet covers that portion of the Medway River to the northwest of Belfast reaching as far as could be carried on a 1/10,000 scale which is within about 1 mile of the limit of the hydrography. It joins sheet R to the S.E., R being on the reverse side of this double Bristol board.

PURPOSE:

To provide control for hydrography, to locate shoreline at representative places for the control of aerial photography and to provide recoverable points for future revision work.

INSTRUMENTS:

The standard planetable outfit.

METHODS AND CONTROL:

Since this area is comparatively unimportant from any standpoint, it was felt that a scheme of planetable triangulation, taking off of the line GRAP-BELFAST and u-

utilizing a few other signals located on sheet R, would suffice for the hydrographic control.

A few signals were built large enough to be seen over the flat marsh and were located by intersection.

MARKING OF STATIONS:

A number of the above signals were marked for future recovery by means of cypress stakes 4" x 4" x 8' long showing about 18" above the ground. These with a few other blazes on prominent trees should furnish enough recoverable points for future revision work in this locality.

MAGNETIC MERIDIAN:

Taken at Signal FIR, June 15, 1934.

CHANGES SINCE LAST SURVEY:

Since there has never been a survey of this area, no comparison is available.

SHORELINE:

In a few places, shoreline has been rodged in to better tie down the aerial photographs.

LIST OF SIGNALS:

The accompanying list of signals includes those able to be recovered in the future.

GEOGRAPHIC NAMES:

Same as charted.

LANDMARKS:

There are no landmarks within the confines of this sheet worthy of marking.

Respectfully submitted,

George Fortune
Surveyor.

Approved and forwarded.

E. H. Grier
St. Asaph, S.
Chief of Party.

LIST OF SIGNALS TO ACCOMPANY TOPOGRAPHIC

SHEET "O"

NAME	LATITUDE		LONGITUDE		DESCRIPTION
	o	' METERS	o	' METERS	
Mid	31-48	1057 (791)	81-19	440 (1237)	4"x 4" cypress stake
May	31-48	2 (1846)	81-19	950 (627)	4"x 4" cypress stake
Odd	31-49	63 (1785)	81-19	553 (1023)	4"x 4" cypress stake
In	31-49	610 (1238)	81-19	1169 (408)	4"x 4" cypress stake
Fir	31-50	744 (---)	81-19	1458 (120)	square blaze on tree
Pal	31-49	532 (1316)	81-20	484 (1094)	square blaze on tree
Rot	31-49	1468 (300)	81-20	764 (814)	square blaze on tree
Pi	31-50	138 (---)	81-20	1159 (419)	square blaze on tree
Hand	31-48	1547 (301)	81-21	235 (1343)	square blaze on tree
Wood	31-50	656 (---)	81-21	360 (1210)	not marked

See Form 524 for Corrected positions

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4/18/35

REVIEW OF T-6150a

This sheet has been examined in connection with review of
air photo compilation T-5116.

The projection is correct within 2 meters.

The reference station and described stations were checked and
found to be correct. (See review of T-5116 and T-5118 for detailed
discussion).

McCrack
4/18/35
B.G. Jones

6150b

U. S. COAST & GEODETIC SURVEY
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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: GEORGIA

DESCRIPTIVE REPORT

Topographic } Sheet No. R 6150b
Hydrographic }

LOCALITY

St. Catherine's Sound
(Belted to Subway and Bel-
fast)

193 4

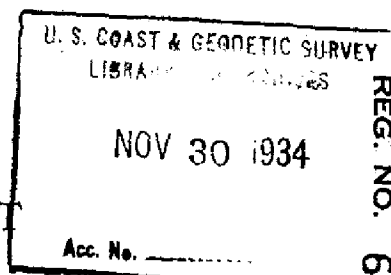
CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1923

6150b

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY



TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. R

REGISTER NO. **6150b**

State GEORGIA

General locality ST. CATHERINES SOUND ST

Locality BELEAST TO SUNBURY

Scale 1/10,000 Date of survey MAY--JUNE, 1934

Vessel FIELD PARTY #23

Chief of party C. A. EGNER

Surveyed by GEORGE FORTUNE

Inked by GEORGE FORTUNE

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated DECEMBER 5, 1934

Remarks: THIS SHEET FOR HYDROGRAPHIC AND TOPOGRAPHIC
CONTROL ONLY.

REPORT TO ACCOMPANY TOPOGRAPHIC

SHEET R

FIELD: R

PARTY: NO. 23

PROJECT: F. P. 4

YEAR: 1934

STATE: GEORGIA

GENERAL LOCALITY: NEAR SAVANNAH

LOCALITY: MEDWAY RIVER

ADJOINS SHEETS: Q, O

SHEET ON REVERSE SIDE: O

SCALE: 1/10,000

DATUM: NORTH AMERICAN 1927

CHIEF OF PARTY: C. A. EGNER

TOPOGRAPHER: G. R. DIETZ

DATE OF INSTRUCTIONS: DECEMBER 5, 1933

INKED BY: C. A. EGNER

REPORT TO ACCOMPANY TOPOGRAPHIC

SHEET R

INSTRUCTIONS:

Dated December 5, 1933. Part of combined operations undertaken by Field party #23.

SCALE:

1/10,000.

LOCALITY:

This sheet covers that portion of the Medway River between Sunbury and Belfast. It joins sheet Q on the south and O (which is on the reverse side of this double sheet) on the N.W.

PURPOSE:

To provide control for hydrography, to locate shoreline at representative places for the control of aerial photography and to provide recoverable points for future revision work.

CONTROL AND METHODS:

A scheme of 3rd order triangulation was extended up the Medway River from 2nd order stations in St. Catherine's Sound which ties onto 1st order station Belfast at the upper extremity of this sheet. This area, is therefore well controlled by triangulation. Supplementary signals were built for hydrography and were located by intersection using setups at the triangulation stations.

INSTRUMENTS:

The standard planetable equipment.

MARKING OF RECOVERABLE STATIONS:

All triangulation stations are recoverable. In addition several stations are marked for future recovery by means of cypress stakes 4"x 4"x 8' long showing about 18" above the ground.

MAGNETIC MERIDIAN:

Taken at Signal BEN, May 22, 1934.

COMPARISON WITH PREVIOUS SURVEYS:

Since the last comprehensive survey of this area was done in 1904 without the aid of aerial photography it is difficult to say what changes have taken place, especially as shoreline this year will all be gotten from the air photos.

SHORELINE:

At several places which were well controlled, sections of main channel shoreline were rodged in to better tie down the aerial photos of the locality.

GEOGRAPHIC NAMES:

Same as charted.

LANDMARKS:

Only one is worthy of note. This is the hunting lodge facing on Dutchman's Bay, 2 miles south of Belfast. The gable has been cut in and is listed on the standard form accompanying this report. ,

IMPORTANCE OF SUNBURY AND BELFAST:

At Sunbury is the remains of an old church quite well known locally in years gone by, but now no longer of any note. Only an oyster plant with a dock and a few house are to be found here.

Belfast once was the site of a large lumber mill which gave this locality some importance. This is in ruins now, the dock rotted out, and a few houses along the bluff serve as dwellings (it is quite an attractive waterfront). This land now belongs to Henry Ford, whose future purposes for the development of this vast tract are a subject of much local speculation.

LIST OF SIGNALS:

The accompanying list of signals includes those able to be recovered in the future.

Respectfully submitted,

George Fortune
Surveyor

Approved and forwarded.

O. C. H. Sawyer
St. C. H. Sawyer
Chief of Party

Planetable Positions

Sheet "R" (Field)

Name	Latitude	meters	Longitude	meters	Description.
Bur ✓	31 46	708 (1140)	81 16	818 (780)	4"x4"x8' Cypress hub.
Sid ✓	31 47	68 (1780)	81 15	---- (-143)	Do.
Back ✓	31 48	606 (1242)	81 16	1001 (577)	Do.
Ben	31 47	1571 (277)	81 17	556 (1021)	Do.
Fat	31 49	60 (---)	81 18	34 (---)	Do.
Ex	31 49	542 (---)	81 17	1078 (500)	Do.
Gable of Hunting Lodge	31 47	484 (1364)	81 18	572 (1005)	Gable facing water.

No. American 1927 Datum.

See forms 524 for corrected positions

md Crook

4/18/35

Planetable Positions

Sheet "E" (Field)

Name	Latitude	meters	Longitude	meters	Description
Sur	31 46	708 (1140)	81 16	818 (760)	4"x4"x8' Cypress hab.
Sid	31 47	68 (1780)	81 15	----- (-143)	Do.
Back	31 48	606 (1242)	81 16	1001 (577)	Do.
Ben	31 47	1571 (277)	81 17	556 (1021)	Do.
Pat	31 49	60 (---)	81 18	34 (---)	Do.
Ex	31 49	542 (---)	81 17	1078 (599)	Do.
Gable of Hunting Lodge	31 47	484 (1364)	81 18	572 (1005)	Gable facing water.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

P.

LANDMARKS FOR CHARTS

Savannah, Ga.

July 19 1934

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

C. A. Egner.

Chief of Party.

[illegible]

A list of objects carefully selected because of their value as landmarks as determined from seaward together with individual descriptions, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report.

The selection, determination, and description of these points are an important factor in the value of the chart. Landmarks selected at appropriate intervals can be clearly charted. However, when none is outstanding, a group of two or three objects may by their interrelationship provide positive identification. A group so selected should be indicated.

The description of each object should be short, but such as will clearly identify it; for example, a standpipe, elevated tank, gas tank, church spire, tall stack, red chimney, radio mast, etc. Assign numerals to landmarks to indicate: (1) offshore, (2) inshore, (3) harbor, 1, 2, 3 would be a mark useful on all charts. Generally, flagstaves and like objects are not sufficiently permanent to chart.

REVIEW OF T-6150b

This sheet has been examined in connection with review of air photo compilation T-5118.

The projection is correct except for longitude lines $81^{\circ}16'$ and $81^{\circ}19'$. $81^{\circ}19'$ is too far east 2 meters at latitude $31^{\circ}47'$ and 1 meter at $31^{\circ}48'$ and $31^{\circ}49'$. $81^{\circ}19'$ is too far west $3\frac{1}{2}$ meters at latitude $31^{\circ}47'$ and the correct line has been shown in green.

The reference station is the same as for T-6150a and is only shown on T-6150a.

The described stations have been checked and corrected where necessary. The description for EX (d) has been changed to agree with compilation and plane table survey. (See review T-5116)

(See review T-5118 for detailed discussion)

McIlrook

4/18/35

✓ B.G. Jones